

# I. Allgemeines.

**Handwörterbuch (1912)** der Naturwissenschaften. Lfrg. 24 und 25. (Jena, G. Fischer. 1912. gr. 8°.)

**Honfeldt, R. 1910.** Aus dem Pflanzen- und Tierleben der Thorner Gegend. (Ber. westpreuss. bot.-zool. Ver. XXXII. p. 51—53. 2 T. 1 A.)

# II. Anatomie.

(Vacat.)

# III. Biologie.

**Backhouse, W. O. 1911.** Self-sterility and Self-fertility in plums. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 599.)

# IV. Morphologie, Teratologie, Befruchtung, Cytologie.

Cf. V. Digby; VI. Yapp.

**Bottomley, W. B. 1911.** Structure and functions of the root-nodules of *Myrica Gale*. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 514.)

**Cortesi, F. 1912.** Alcune anomalie dell' „*Anemone nemorosa*” L. (Ann. di Bot. X. p. 379—381.)

**Fraser, H. C. I. 1911.** Longitudinal Fission of the meiotic Chromosomes in *Vicia Faba*. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 571.)

**Horne, A. S. 1911.** Somatic nuclear division in *Spongospora Solani* (Brunch). (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 572.)

**Kershaw, E. M. 1911.** Structure and development of the ovule of *Bowenia spectabilis*. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 567—568.)

**Lakowitz, 1910.** Gabelung der Blütenstandachse von *Epipactis latifolia* All. var. *violacea* Durand Duqu. [= *E. sessilifolia* Peterm.]. (Ber. westpreuss. bot.-zool. Ver. XXXII. p. 78—79. 1. A.)

**Lawsen, A. A. 1911.** Nuclear osmosis as a factor in mitosis. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 570—571.)

**Léveillé, H. 1912.** Tératologie. (Bull. Géogr. bot. XXI. p. 225—228. ill.)

# V. Varietäten, Descendenz, Hybriden.

Cf. III. Backhouse; XX. Fruwirth, Harper.

**Bateson, W. 1911.** Address to sub-section of Agriculture. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 587—596.)

**Digby, L. 1911.** Chromosomes of the Hybrid *Primula Kewensis*. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 585.)

**Gates, R. R. 1912.** Certain Aspects of the Mutation Problem in *Oenothera*. (Proc. Linn. Soc. Lond. 1911—1912. p. 3—60.)

**Gates, R. R. 1912.** Mutations in plants. (Bot. Journ. 1912. 4 pp. 1 f.)

**Gates, R. R. 1912.** Somatic mitoses in *Oenothera*. (Ann. of Bot. XXVI. p. 993—1010. 1 pl.)

**Gross, J. 1912.** Ueber intermediäre und alternative Vererbung [Schluss]. (Biol. Cbl. XXXII. p. 641—657.)

**Héribert-Nilsson, N. 1912.** Die Variabilität der *Oenothera Lamarckiana* und das Problem der Mutation. (Zschr. ind. Abst.- u. Vererb.-Lehre. VIII. p. 89—231. 3 T. 36 F.)

**Kiessling, L. 1912.** Ueber eine Mutation in einer reinen Linie von *Hordeum distichum* L. (Zschr. ind. Abst.- u. Vererb.-Lehre. VIII. p. 48—78.)

**Preuss, H. 1910.** *Salix Lakowitziana* mh., eine neue Bastard-Weide

von der Kurischen Nehrung. (Ber. westpreuss. bot.-zool. Ver. XXXII. p. 68—69. ill.)

## VI. Physiologie.

Cf. IV. Bottomley; X. Mangham; XIX. Molliard.

**Crump, W. B. 1911.** Water content of Acidic Peats. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 581—582.)

**Crump, W. B. 1911.** Wilting of Moorland plants. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 582—583.)

**Priestley, J. H. and R. C. Knight. 1911.** Influence of Electricity on the respiration of germinating seeds. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 604—605.)

**Yapp, R. H. 1911.** Causes of the formation of hairs and palisade cells in certain plants. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 565—566.)

## VII. Palaeontologie.

**Benson, M. J. 1911.** Structure of a new type of Synangium from the Calciferous Sandstone beds of Pettycur Fife, and its bearing on the origin of the seed. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 568.)

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**Lockhart, T. 1911.** A contribution to our knowledge of Calcareous nodules containing plant remains. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 570.)

**Scott, D. H. 1911.** A Palaeozoic fern and its relationships (*Zygopteris Grayi* Williamson). (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 568—569.)

**Thomas, H. H. 1911.** Recent researches on the Jurassic plants of Yorkshire. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 569—570.)

**Weiss, F. E. 1911.** Presidential Address to Section K. (Botany). (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 550—562.)

## VIII. Microscopie.

### IX. Cryptogamen im Allgemeinen.

(vacant.)

### X. Algae.

**Baker, S. M. 1911.** On the Brown Seaweeds of a Saltmarch. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 565.)

**Hanko, B. 1910.** Symbiose von Branchipus und Algen. (Allattani Közl. Budapest. IX. p. 96—99. ill. Mag. u. deutsch.)

**Mangham, S. 1911.** On the presence of sugar in the tissues of *Laminaria*. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 583.)

### XI. Eumycetes.

Cf. IV. Horne.

**Bainier, G. et A. Sartory. 1912.** Etude d'une espèce nouvelle de *Pestalozzia*. *Pestalozzia Capiomonti* n. sp. (Ann. mycol. X. p. 434—436. 1 pl.)

**Beauverd, G. 1912.** Une Clavariée nouvelle pour la flore mycologique suisse. (Bull. Soc. bot. Genève 2. IV. p. 107—108.) [Vielleicht *Clavaria muscoides* L. in einer violetten Zwergform. — Ed. Fischer].

**Bresadola, J. 1912.** Polyporaceae Javanicae. (Ann. mycol. X. p. 492—508.)



- Dale, E. 1912.** On the fungi of the soil. (Ann. mycol. X. p. 452—477. 6 pl.)
- Dumée, P., M. Granjean et R. Maire. 1912.** Sur la synonymie et les affinités de l'*Hygrophorus marzuolus* (Fr.) Bres. (Bull. Soc. mycol. France. XXVIII. p. 285—298. 1 pl.)
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- Hardy, G. H. 1912.** The true St. George's Mushroom. (Selborne Mag. 1912. p. 212—213.)
- Havelík, K. 1912.** Ueber den Fruchtkörper des Hausschwammes. (Ziva. 1912. p. 13. Böhmisch.)
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- Kaufmann, F. 1912.** Pilze der Elbinger Umgegend. (Jahrber. preuss. bot. Ver. 1911 [1912]. p. 3—10.)
- Lechmer, A. E. 1911.** Preliminary note on an investigation of some West African "Fungi". (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 573.)
- Massa, C. 1912.** Reliquie Cesatiane. Funghi del Piemonte. (Ann. di Bot. X. p. 417—430. 1 t.)

### XII. Myxomycetes.

- Osborn, T. G. B. 1911.** Life-cycle and affinities of the Plasmodiophoraceae. (Rep. british Ass. Adv. Sc. Portsmouth. 1911. p. 572.)

### XIII. Pflanzenkrankheiten.

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- Bayer, E. 1912.** Die Pflanzenkrankheiten tierischen Ursprungs. (Průroda. X. H. 1—10. Böhmisch.)
- Bayer, E. 1912.** Gallenbildende Chermiden der Fichte und der Lärche. (Ziva. 1911. p. 130. Böhmisch.)
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- Faes, H. 1912.** L'Oidium. (La Terre Vaudoise IV. 35—36.) [Kurze Darstellung der Entwicklung, Organisation und Bekämpfung des Oidium Tuckeri, das 1912 auch in der Schweiz stellenweise stark auftrat. — Ed. Fischer.]
- Grevillius, A. Y. et J. Niessen. 1912.** Zooecidia et Cecidozoa imprimis Provinciae Rhenanae. Sammlung von Tiergallen und Gallentieren insbesondere aus dem Rheinlande. Lfrg. IV. 120—130. (Leipzig, Th. O. Weigel. 1912.)
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- Schrander. 1910.** Die Blattrollkrankheit der Kartoffel. (Ber. westpreuss. bot.-zool. Ver. XXXII. p. 70—77.)

#### XIV. Bacteriologie.

Cf. XIII. Brooks, Pethybridge, Potter.

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- Böhm, J. 1912.** Ueber die verschiedenen Färbemethoden der Tuberkelbacillen und deren kritische Rezension. (Cbl. Bakt. 1. LXII. p. 497.)
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- Frei, W. 1912.** Ueber einige Anreicherungs- und Färbemethoden der Tuberkelbacillen im Sputum. (Cbl. Bakt. 1. LXI. p. 411. 1912.)
- Frisch, P. 1912.** Differenzierung fuchsingefarbter Praeparate durch Gegenfärbung. (Cbl. Bakt. 1. LXIV. p. 118.)
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- Kayser, H. 1912.** Die Unterscheidung von lebenden und toten Bakterien durch die Färbung. (Cbl. Bakt. 1. LXII. p. 174.)
- Klein, B. 1912.** Beobachtung der Zersetzung von Kohlehydraten durch Bakterien. (Cbl. Bakt. 1. LXIII. p. 321.)
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- Kodama, H. 1912.** Berichtigung zu der Arbeit: Ueber Kapselbildung der Milzbrandbacillen bei der Züchtung auf Schrägagar. (Cbl. Bakt. 1. LXIII. p. 134.)
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#### XV. Lichenes.

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#### XVI. Bryophyten.

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#### XVIII. Floristik, Geographie und Systematik der Phanerogamen.

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